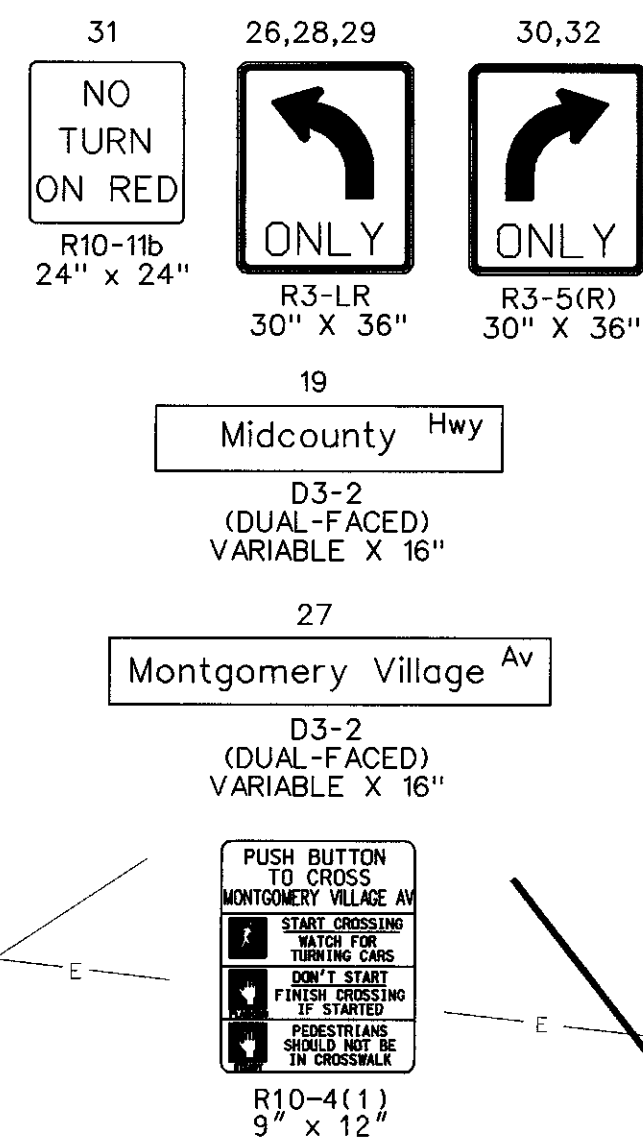
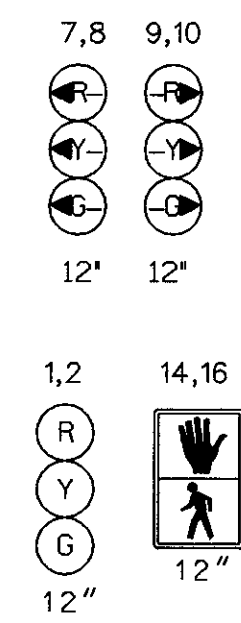


NOTE: MONTGOMERY VILLAGE AVE. IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

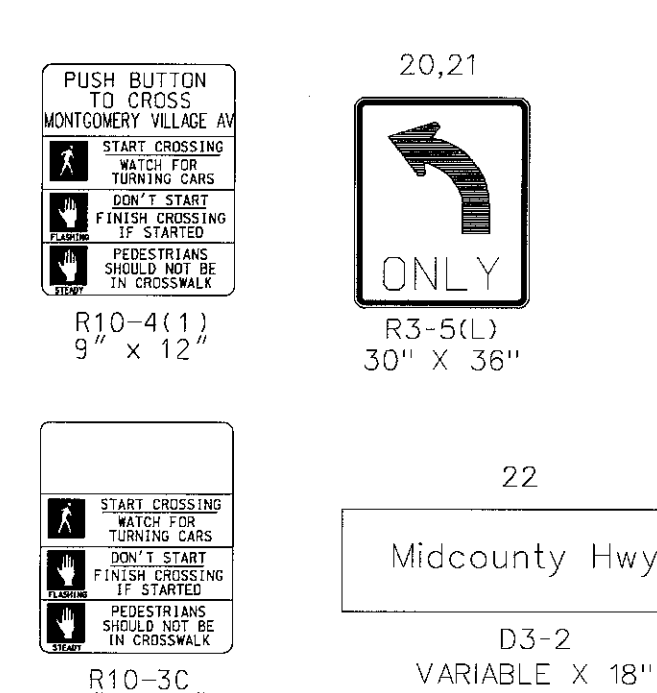
PROPOSED SIGNS



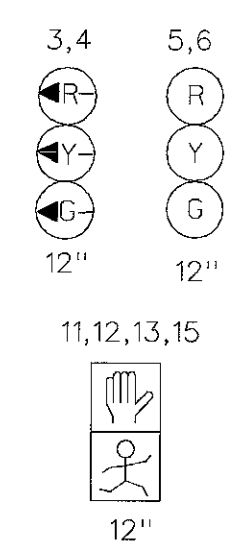
PROPOSED SIGNALS



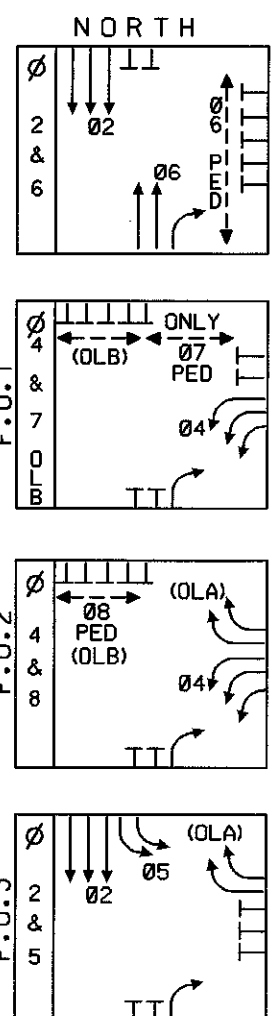
EXISTING SIGNS



EXISTING SIGNALS



PHASING



GENERAL NOTES:
1. All proposed geometrics are to be installed by Montgomery County's contractor.
2. All proposed pavement markings are to be installed by Montgomery County Forces.

CONSTRUCTION DETAILS

- A. Install 27' steel pole with twin (60"-50') mast arms, traffic signal heads, video detector camera, signs, pedestrian signal heads, pushbuttons and pedestrian education sign, 20' lighting arm with 250W HPSV Luminaire as shown. (Note: 1-3" 90° polyvinyl chloride (schedule 80) bend).
- B. Install video detection camera onto existing mast arm as shown.
- C. Install handhole.
- D. Install 3" polyvinyl chloride electrical conduit (schedule 80) (trenched).
- E. Install 4" polyvinyl chloride electrical conduit (schedule 80) (bored).
- F. Pull back existing interconnect cable to the existing handhole and reroute through the proposed conduit to the existing cabinet.
- G. Cut existing conduit at pole base and install proposed conduit as shown. Rewire pedestrian signal heads and pushbutton (as shown on Wiring Diagram).
- H. Proposed video detection area.
- J. Relocate existing ground mounted sign as shown.
- K. Use existing handhole.
- L. Use existing 2" polyvinyl chloride electrical conduit as shown.
- M. Use existing mast arm.
- N. Use existing 3" galvanized steel electrical conduit as shown.
- O. Use existing 4" polyvinyl chloride electrical conduit as shown.
- P. Use existing 5" polyvinyl chloride electrical conduit as shown.
- Q. Use existing NEMA size "6" base-mounted cabinet and controller.
- R. Remove existing handhole (cap and abandon existing conduit).
- S. Existing underground electrical service by PEPCO.
- T. Remove existing mast arm pole, all attached signal equipment and foundation 12" below grade.
- U. Existing handhole.

GEOMETRIC LEGEND

PROPOSED	---
EXISTING	---

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A	A
ELECTRIC	E	E
TELEPHONE	T	T
GAS	G	G
SEWER	S	S
WATER	W	W
CABLE TV	TV	TV

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REVISIONS		APPROVALS	
© 8-26-02	ADD TRIPLE LEFT ON MD COUNTY HIGHWAY. REPLACE MAST ARM IN NORTH MEDIAN, ADD VIDEO DETECTION.	SHA NO.:	
SHA		ASST. CHIEF TRAFFIC SECTION	
MCDPWAT			
B	3/16/00 ADD SB EXCLUSIVE DUAL-LEFT TURN PHASE ON MONT. VILL. AVE	SHA NO.:	
SHA		ASST. DISTRICT ENGINEER, TRAFFIC	
MCDPWAT			
A	REVISED FOR GEOMETRIC CHANGES TO ORIGINAL CONTRACT NO. M-758-501-371	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION	
RRZ		DIRECTOR, TRAFFIC & SAFETY	

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 124 (MID COUNTY HWY.) AND MONTGOMERY VILLAGE AVE.

DRAWN BY: M. MEARS	COUNTY: MONTGOMERY	TS NO. 2412C	SHEET NO. 1 OF 2
CHECK BY: K.D.W.	LOG MILE: 15012464.34		
DATE: 4-10-90	F.A.P. NO.	T.I.M.S. NO. F 343	
SCALE: 1"=20'	S.H.A. NO.		